pth	Contents	Reference to last Measurement
6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494830

Serial No. 1st and Final

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency ..... Sri A.S. Mani @ M/s. S.S Road developers

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	NAME OF WORK :- improvements and Asphalting to Roads at Thindlu, and surroundings areas. in Ward no.09 (vidyaranyapura) vidyaranyapura Sub division.						
	BODY ORDER NO :- EE/BTP/BBMP/E-proc/21(37104)/NO/205/2019-20 dated 18-02-2020						
	JOB CODE :- 009-20-000007,						
	EST COST :- 35.00 Lakhs.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw up to 2m and average lift up to 0.5m.						
	Quantity vide E MB					359.19 cum	
						~~485.19 cum~~	
	Rate at Rs ~~704.90~~ 231.69/cum						~~342010=00~~ 83221=00
Item 2	Removing and refixing of stone slab of drains and painting in cm(1:3)						
	Quantity vide E MB					2372.04 Sqm	
	Rate at Rs 105.74/sqm						250820=00

18/03/22

Assistant Executive Engineer
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RRMP Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494831
~~494830~~

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	providing granite slabs of selected quality roughly dressed having a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc.						
	Quantity vide E BNB					485.19 Sqm	342010=A
	Rate at Rs 704.90						
	AE-09 18/03/20						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

nts	Reference to last Measurement 8
ory	
19 cms	
~~19 cms~~	
kms	~~342010=A~~
	83221=A
s	
.04 Sqm	
	250820=A

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 4	providing and Laying position plain cement concrete of mix 1:4:8 with 150 kg. cement at 40mm and down size graded Granite metal course						
	Quantity vide EMB					1.80 cum	
	Rate at Rs 5137.71/cum						9248=00
Item 5	providing and constructing granite/Trap/basalt size stone masonry in basement with cement mortar 1:6. edges of stone chisele						
	Quantity vide EMB					5.67 cum	
	Rate at Rs 5521.38/cum						31306=00

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M. A. R. 57 (Rule 116)

Measurement Book

No. B

494837

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	providing & filled pointing 20mm deep to coursed stone masonry masonry with cement mortar 1:3. 20mm deep, after true lining & joints to depth of 20mm nicely lining. including cost of materials.						
	Quantity vide EMB					10.80 sqm	
			Rate at Rs 142.99/sqm				1544=00
	18/03/20						

Reference to last Measurement 8
9248=00
31306=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 7	providing precost Slab of 250mm thick including cost of all materials. Labour, curing, transportation loading unloading etc. complete as per specification & direction of engineer incharge of work						
	Quantity vide EMB					9.00 Sqm	
	Rate at Rs 5147.10/sqm						46324=00
Item 8	providing and constructing load bearing wall with Solid concrete blocks of size 400 x 150 x 200 mm having block density not less than 1800 kg/m³.						
	Quantity vide EMB					212.00 Sqm	
	Rate at Rs 930.47/sqm						197260=00

18/03/20

ents	Reference to last Measurement 8
of	
46324=00	
197260=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

4991838

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
18.3	providing and laying in position plain cement concrete of mix 1:2:4 with cement at 240 kgs. with 20mm down size graded granite metal coarse aggrigate at 0.69 cum & fine aggrigate at 0.45 cum						
	Quantity vide E MB					31.43 cum	
	Rate at Rs 5459.95 cum						171606=00
	18/03/20						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 10	providing granite slab of selected quality roughly dressed having a size of 10 cms. thick and fixed in cement mortar (1:6) including fixing curing etc						
	Quantity vide E MB					306.00 Sqm	
	Rate at Rs 918.38/Sqm						281024=00
Item 11	providing chamfering edges to Stone Slab 25 mm wide as per specification						
	Quantity vide E MB					850.00 Sqm	
	Rate at Rs 918.38/Sqm						281024=00

18/03/20

nts	Reference to last Measurement 8
	281024=0
Sqm	
0 Sqm	281024=0

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Measurement Book

No. B

494839

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
11.3.20	Scarifying bituminous course 50mm to 75mm thick along with premix carpet/surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all materials, labour charges complete as per specification						
	Quantity vide E MB					599.0 Sqm	
	Rate at Rs 90.63/sqm						54287=0
	18/03/20						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 13	Wet mix macadam - providing, laying, spreading and compacting crushed stone aggrigate of granite / trap basalt to wet mix macadam						
	Quantity vide EMB					137.77 cum	
	Rate at Rs 1901.22/cum						261931=00
Item 14	providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base incl as 10mm including cleaning of road surface						
	Quantity vide EMB					599.00 Sqm	
	Rate at Rs 34.29/Sqm						20510=00

18/04/20

ts	Reference to last Measurement 8
77 cum	261931=00
nen	
b	
00 Sqm	2051/0=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494845

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	providing and laying bituminous macadam on prepared surface with crused coarse aggrigate as per design mix formula for base/binding course including loading of aggrigates with J.C loader hot mixing of stone aggrigate complete as per specification and direction of engineer incharge of work						
	Quantity vide E M B					29.95cum	
	Rate at Rs 5273.66/cum						157946=00
	1803/20						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 16	Cleaning of existing black topped surface with brooms soft brushes and finally dusting with old gunny bags and of compressed air to receive bitumen treatment including cost of all materials.						
	Quantity vide E MB					2995=00	15095=00
	Rate at Rs ~~14.10~~ 5.00/sqm						~~42230=00~~
Item 17	providing and applying tack coat using 80/100 grade bitumen (@ 10) on the prepared black topped surface at 2.5 kg / 10 sqm						
	Quantity vide E MB					2995=00	sqm
	Rate at Rs 14.10/sqm						42230=00

18/03/20

Full description, etc, of work
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providing and lay
layer with hot mix
of specific grading
and filler. transpor
as per specification &
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Quant
18/02/20

tents	Reference to last Measurement
7	8
soft nd ing	
95=00	15095=00 ~~42230=00~~
e 2.5	
95=00	Sqm 42230=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494836

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11.18	providing and laying bituminous concrete 40mm thick with hot mix plant using crushed aggregates of specific grading, pre mixed with bituminous binder and filler. transporting the hot-mix to work site complete as per specifications & directions of engineer incharge of work. Quantity vide E M B Rate @ Rs 7516.25/cum 18/03/20					119.80 cum	900447=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 19	Road marking with hot applide thermo plastic compound with reflecting glass base on bituminous surface, providing and laying hot applide thermoplastic compound of 2.5 mm thick surface including reflecting glass bead at 250gm per sqm area						
	Quantity vide E MB					119.80	
	Rate at Rs				432.00	/sqm	51754=00
					SUB	TOTAL	2968212=00
				Add	12%	GST	356185=00
				TOTAL	BILL	AMOUNT	3324397=00

18/03/20

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Vidyaranyapura Sub Division

nts	Reference to last Measurement 8
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	51754=00
92	2968212=00
	356185=00
UNT	3324397=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494832

Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

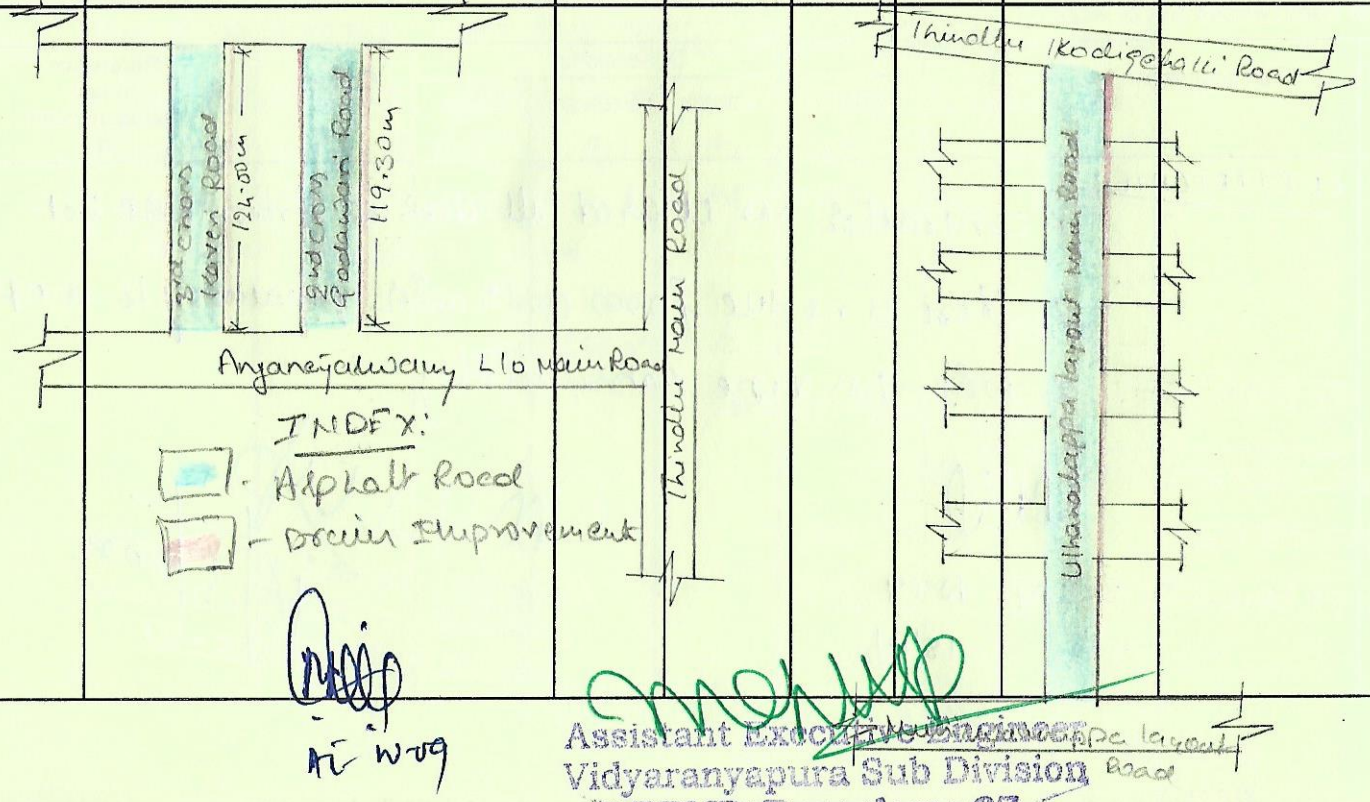
Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	CERTIFICATE:- * contractor has cleared all debries from work spot. * there is no due from contractor pertaining to above work * work has done satisfactorily AE W-09 18/02/20						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97
18/2/20

Engineer
Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



AE Work

Assistant Executive Engineer
Vidyaranyapura Sub Division